



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

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नई विल्सो, शनिवार, जनवरी 27, 1973 (माघ 7, 1894)

No. 4]

NEW DELHI, SATURDAY, JANUARY 27, 1973 (MAGHA 7, 1894)

इस भाग में विभिन्न पृष्ठ संख्या वाली जाती हैं जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE Patents and Designs

Calcutta, the 27th January 1973

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

#### Application for Patents Filed at the Head Office 6th January 1973

- 47/Ca/73. C. K. Sharma, Electrically operated cycle.
- 48/Ca/73. A. H. Robins Company, Incorporated. Intrauterine contraceptive device with scalloped edge appendages.
- 49/Ca/73. A. H. Robins Company, Incorporated. Intrauterine contraceptive device with large appendages.
- 50/Ca/73. A. H. Robins Company, Incorporated. Improvements in intrauterine contraceptive device.
- 51/Ca/73. Iader Optical Industries. Improvements in or relating to goggle or spectacle frame.
- 52/Ca/73. Brico Engineering Limited. Electromagnetic fuel injectors. (19th August 1970). [Divisional date 16th August 1971].
- 53/Ca/73. Girling Limited. Pistons. (6th January 1972).  
8th January 1973
- 54/Ca/73. Bayer Aktiengesellschaft. An antimicrobial agent.
- 55/Ca/73. Joseph Lucas (Electrical) Limited. Shaft drive. (15th January 1972).
- 56/Ca/73. V. D. Valgin, V. A. Novak and J. S. Murashov. Process for the production of foamed plastics by spraying method
- 57/Ca/73. A. H. Robins Company, Incorporated. Improvements in intrauterine contraceptive device.

58/Ca/73. A. H. Robins Company, Incorporated. Improved intrauterine contraceptive device.

59/Ca/73. H. B. Jensen Method of hot-dip-galvanizing of an object of iron or steel.

9th January 1973

60/Ca/73. A. R. Ramachandran and S. A. R. Navakodi Semi automatic fuse changer with extra fuse carrier

61/Ca/73. Girling Limited. Tandem master cylinder for hydraulic braking systems. (17th January 1972).

62/Ca/73. Imperial Chemical Industries Limited. Laminated glass windows for vehicles. (18th January 1972).

63/Ca/73. Allmanna Svenska Elektriska Aktiebolaget. Electric switching device.

64/Ca/73. Renfag S. A. Preparation of 2-alkoxy-5-alkylsulphonylbenzoic acids.

65/Ca/73. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble reactive dyestuffs of the monoazo series and process for preparing them.

66/Ca/73. Unilever Limited. Tea.

67/Ca/73. A. H. Robins Company, Incorporated. Universal tubular inserted for intrauterine devices.

68/Ca/73. A. H. Robins Company, Incorporated. Intrauterine device saddle inserter.

69/Ca/73. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the production of easily dispersable lake azo pigments.

10th January 1973

70/Ca/73. N. K. Gupta. Improved method of riveting and sealing wagon door cotter and fixing card-label to the same.

71/Cal/73. Bayer Aktiengesellschaft. A process for the production of 2-mercaptopbenzimidazole.

72/Cal/73. Imperial Chemical Industries Limited. New reactive dyestuffs. (18th January 1972).

73/Cal/73. Braunschweigische Maschinenbauanstalt. Device for extraction of plants containing sugar.

74/Cal/73. Gutehoffnungshutte Sterkrade Aktiengesellschaft. A process and a device for the heating of a gas stream obtained through the gasification of coal or of coal dust.

75/Cal/73. F. L. Smith & Co., A/S. Improvements in or relating to rotary kilns. (17th January 1972).

76/Cal/73. American Cyanamid Company. Chemosterilization of iodides.

77/Cal/73. Colt Industries Operating Corp. Method and apparatus for electrical discharge machining employing periodic extended pulse off time.

78/Cal/73. Nippon Soda Co., Ltd. Thiazolotriazolylphosphonothioates, preparation and uses thereof.

79/Cal/73. Shin Nihon Kagaku Kogyo Kabushiki Kaisha. Method of producing magnesia refractory grains.

80/Cal/73. Deutsche Gold-Und Silber-Scheideanstalt Vormals Hoessler. Process for the preparation of organic compounds containing a mercaptoethyl group.

81/Cal/73. The Mead Corporation. Apparatus for conducting chemical reactants between fluid reactants. [Divisional date 14th October 1971].

82/Cal/73. Vercon Products Inc. Fastening devices for building.

11th January 1973

83/Cal/73. Shri Shanker Dasgupta. Rotary engine.

84/Cal/73. FMC Corporation. Wedge mounted machine element.

85/Cal/73. Dunlop Limited. Conveyor belts.

86/Cal/73. Coal Industry (Patents) Limited. Flexible ducting joint. (24th January 1972).

87/Cal/73. International Basic Economy Corporation. Fluid temperature and pressure adjustment method and apparatus.

88/Cal/73. International Nickel Limited. Nickel-chromium alloys. (17th January 1972).

89/Cal/73. Abex Corporation. Manufacture of friction elements.

90/Cal/73. Kombinat Veb Keramische Werke Hermosdorf. A process for the production of a sprayable ceramic slip and equipment for carrying out the process.

91/Cal/73. Societe Alsacienne De Constructions Mecaniques De Mulhouse. Control device for the heddles of the harness of a loom.

92/Cal/73. H. A. Singh Yada. Ajayab Balun.

12th January 1973

93/Cal/73. Gurandhar Karmakar. A new design of pump burner system of kerosine stove, more suitable, safer and cheaper for domestic uses, than the prevailing ones.

94/Cal/73. Societe d'Equipments, Manutentions et Transports (E.M.A.T.). Improvements in or relating to devices for loading materials, notably dry refuse, into a container.

95/Cal/73. Universal Oil Products Company. High-fin integral finned tube of heat-resisting alloys, and multi-pass process for making the same.

96/Cal/73. Universal Oil Products Company. Method of forming spiral ridges on the inside diameter of externally finned tube.

97/Cal/73. Sulzer Brothers Limited. Improvements in or relating to thread grippers for textile machines.

98/Cal/73. K. Banerjee. Improved stretcher.

99/Cal/73. F. Hoffmann-La Roche & Co., Aktiengesellschaft. 15-oxasteroids.

100/Cal/73. Saint-Gobain Industries. Window pane having a radio antenna.

101/Cal/73. Thyssen Niederrhein AG. Hutten-und Walzwerke. Charging apparatus for a shaft furnace.

102/Cal/73. Ted Bildplatten Aktiengesellschaft Aeg-Telefunken. Teldec. Protective covering for a disc-shaped recording carrier with means for introducing the recording carrier into or withdrawing it from a reproduction device as well as a corresponding method and a reproduction device.

103/Cal/73. G. Otto Orth. Hydrophobic cellulosic fiber, method of making, and the use thereof in absorbing oil and suspended matter from water.

104/Cal/73. J. S. Akimov, S. K. Korovin, K. A. Preobrazhentsev, J. I. Sidorov and S. V. Fronk. Semiconductor non-linear capacitor.

Application for Patents filed at Patent Office  
(Bombay Branch)

3rd January 1973

3/Bom/73. The Bombay Textile Research Association. A process for dyeing and printing of textiles with pigment dyes.

4th January 1973

4/Bom/73. R. N. Kher. Improvements in or relating to air coolers.

(Madras Branch)

6th January 1973

3/Mas/73. Govindraj Krishnan. Circular nail trimmer.

#### Complete Specifications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this Gazette of India or within such further period not exceeding one month applied for in Form 14 of the Patents Rules, 1972, before the expiry of the said period of four months give notice to the Controller of Patents in the prescribed Form 15 of the Patents Rules, 1972, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specification in the following list will be available for sale from the Government of India Book Depot, 8 Kiron Shankar Roy Road, Calcutta in due course. The price of each specification is Rs. 2/- (Postage extra, if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

The required typed copies of the specifications together with copies of the drawings if any can be supplied by Patents Office on payment of the necessary charges which may be ascertain on application to this office.

The dates shown in Crescent brackets are dates allowed under Section 135 of the Act.

114255. Pfizer Inc., formerly known as Chas., Pfizer & Co., Inc. Improved process for making 1, 4, 5, 6-tetrahydro-2-[<sup>2</sup>-substituted] pyrimidine and 2-[<sup>2</sup>-substituted] vinyl]-2-imidazolines

*In a process for mixing 1, 2 disubstituted vinyl compounds which comprises condensing an appropriate aldehyde with substituted cyclic amidine, the improvement which comprises conducting the condensation in the presence of at least an equimolar proportion, based upon the amount of by product water to be produced, of a chemical water scavenger.*

115449. Bayer Aktiengesellschaft formerly known as Farbenfabriken Bayer Aktiengesellschaft. Ortho-substituted 2-phenyl-imino-1-aza-cycloalkanes and their production.  
*Comprises reacting an aniline with a lactam of the appropriate formulae with or without condensation agent.*

125833. Gruppo Lepetit S.p.A. Process for preparing isoxazolidine derivatives.  
*Comprises contacting iso-oxalidine with an equimolar amount of an acyl chloride in an organic anhydrous solvent.*

127846. Century Rayon. Differential pressure calibrator.  
*Comprising a cistern type graduated mercury manometer with a mercury reservoir, a pressure developing member with a non-return valve to facilitate entry of air in it, the pressure developing member being connected to the top of the reservoir through a three way connecting means.*

128495. Imperial Chemical Industries Limited. Process for the production of radiation sensitive film. (24th November 1969).  
*Comprising casting into a film a solution of sensitive component comprising a salt in which the cationic units contain two nitrogen atoms at least one of which is quarternised said nitrogen atom being contained in linked aromatic rings, a water soluble or swellable film forming polymer and water.*

129070. Council of Scientific and Industrial Research. A process and a product designated by us as coagulant aid-15 (CA-15) for coagulation of suspended impurities from liquids, e.g., water.  
*Polymerising acrylic acid in water, characterized in that the catalyst used consists of thionyl chloride.*

129113. National Research Development Corporation. Improvements in and relating to the preparation of mixes containing fibrous substances.  
*Treating the fibre content of the mix with a fluid friction reducing substance prior to the bringing together of the treated fibre with the basic constituent of the mix.*

129256. Bayer Aktiengesellschaft formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of new N, N'-thio-bis-carboxylic acid amides useful as vulcanisation retarders.  
*Said amides having hydrogen or an alkyl radical, a cycloalkyl radical, an aryl radical substituted by one or more alkyl groups, or an aralkyl radical wherein at least 2 mols of a carboxylic acid amide are reacted with at least, 1 mol of sulphur dichloride in the presence of an acid binding agent.*

129373. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of novel disazo dyestuffs.  
*Characterized by reacting disperse orange 13 with 3-chloro-propanal-(1).*

129386. Heinrich Kippers Gesellschaft mit beschränkter Haftung. Process and equipment for producing carbon monoxide by reacting incandescent coke with oxygen and carbon dioxide.  
*Incandescent Coke reacted with mixture of oxygen and carbondioxide, the reaction temperature maintained below ash melting point.*

129510. Council of Scientific and Industrial Research. Preparation of electrodeposits on mild steel from aqueous resin system of linseed oil/maleic acid/anhydride.  
*Process for the preparation of electro-deposits on mild steel from aqueous resin system of lin-*

seed oil maleic acid/anhydride which consists in water solubilising malenized linseed oil resin by the partial neutralisation of the acid groups of the resin by a base to yield a negatively charged polyelectrolyte of the resin which is deposited on mild steel anode by the passage of direct current and by baking the electro deposit to develop color and adhesion.

129664. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Readily dispersible inorganic pigments.  
*The pigment is treated with a non-drying fatty acid modified alkyl resin which contains organic polycarboxylic acid residues, at least 25% by weight of residues of organic fatty acids with more than 6 carbon atomic acid residues of polyols with at least 3OH groups in which the ratio of oxygen atoms to carbon atoms in the molecule does not exceed 0.7:1.*

129702. Texaco Development Corporation. Catalytic cracking of naphtha.  
*A crystalline aluminasilicata selected from zeolite X and zeolite Y is used as the catalyst.*

129829. Guenther Systems, Inc. A conveyor device for transporting a load in a boustrophedonic path.  
*Comprises a frame, flexible support members, a platform means having load supporting connecting members, guide means and magazine means for equalising total length of flow paths.*

13/047. Sandoz Ltd. Process for the preparation of disazo dyes.  
*Coupling 2 moles of 1 amino- 2,5 dialkylbenzene 4 sulfonic acid with 1 mole of a coupling component of 5,5'-dlhydroxy-7,7'-disulpho 2,2'-dinaphthylurea.*

130126. Gosudarstvenny Ordona Trudovogo Krasnogo Znameni Vsesoyuzny Procktny i nauchno-issledovatel'sky Institut Tsementnoi Promyshlennosti. Device for heating loose materials.  
*A splitter which is made in the form of a vertical shaft extending through all the chambers so as to form a circular gap between said shaft and the chamber walls throughout their height, said gap intended for the passage of gas and material.*

130170. Longyear Company, formerly known as E.J. Longyear Company. Rod welding apparatus and method of making drill rods.  
*Comprising axially aliquing the rod members mechanically moving the rod members into axially aligned relationship with the first rod member mechanically holding the rod members in fixed transverse positions, mechanically rotating said and members about central axis thereof, and welding the first rod member second end to the second rod member first end while the rod members are being rotated.*

130181. Great Salt Lake Minerals and Chemicals Corporation. Process for the production of anhydrous potassium magnesium sulfate material with low hygroscopicity from hydrated potassium magnesium sulfate material.  
*Comprises (i) heating the hydrated material below about 350°C for at least about 15 minutes and then (ii) subjecting the dehydrated material to above about 350°C for a duration in excess of about 5 minutes.*

130239. K. Krishan. Improved equipment for drilling bore holes.  
*Comprising a drilling string composed of a plurality of lengths of drill pipes screwed and socketed for being coupled together, a swivel connected to upper end of the first or upper most length a drilling bit adapted to be connected to lower end of lower most length, said drill pipe comprising a cylindrical pipe encase in and welded to a triangular or polygonal section pipe.*

130343. Imperial Chemical Industries Limited. Process for reducing residual acidity of an ester product. (18th March 1970).

*Contacting the ester product with steam and finely divided solid alkali at above 100°C.*

130624. C. A. V. Limited. Liquid fuel pumping apparatus. (18th March 1970).

*There is engaged with the piece on the side thereof removed from the shuttle one end of a slideable pin, the pin bearing at its other end, upon the contoured, surface of a slideable member, pressure responsive means to effect adjustment of said member in accordance with pressure in the inlet manifold.*

130671. Cefilac. Improvement in the hot piercing of metal billets. (25th November 1970).

*Comprising heating the billet to deformation temperature and inserting it into the container of a piercing press equipped with a conical tool, flaring the upper end of the pilot bore with this tool, withdrawing the tool, placing lubricant and expanding the flared cylindrical pilot bore to the desired diameter.*

130679. V. M. Damle. Improvement in or relating to fermentation equipment of an alcohol distillery.

*An improved fermentation tank fitted with a device comprising of a cylindrical steps shell having, a conical or dome shaped umbrella, baffle plate, gas outlet nozzle a circular tray having risers, bubble/tunnel caps with plain serrated notched edge towards the periphery, liquid changing or draining arrangement, further supported by stiffeners from below, the lower end of the shell being firmly fitted to the sealed roof of the fermentation tank, the entire arrangement being such that alcohol entrained carbon dioxide gas evolved during the process of fermentation has to pass through the risers on the tray from below where alcohol is recovered in the scrubbing liquid and carbon dioxide gas is let-off to the atmosphere.*

130962. Kamas Kvarnmaskiner AB. Apparatus for drying materials.

*Characterized in that in the container there is defined by means of gas permeable wall a space for the material to be dried and that the condenser for the refrigerant is disposed inside the container in said space at one side of the gas permeable wall the heat exchanger for condensing the moisture also being disposed inside the container.*

131087. Joseph Lucas (Industries) Limited. Control apparatus for a gas turbine engine. (25th April 1970).

*Means responsive to servo-pressure signals and operable to move the nozzles, means for generating a fluid pressure, valve means operable by electrical signals to derive said servo-pressure signals from said fluid pressure.*

131156. Kirloskar Oil Engines Limited. A new and useful method of manufacturing an improved ceramic fuel filter for internal combustion engine.

*Method of manufacturing an improved ceramic fuel filter comprising the following steps (a) selection of globular particles (b) washing the selected particles (c) treating the washed and dried particles with a non-ionic wetting agent (d) applying on the wetted particles a thin layer of thermosetting resin (e) placing the resin-coated particles in a mould of predetermined shape whose inner surface is treated with parting agent and pressing into the mould a cold punch of predetermined shape and also treated on its surface with parting agent and (f) removing the moulded filter from the mould and treating it to a predetermined temperature and cooling the filter to room temperature.*

131272. A. D. Dikshit and S. K. Damle. Improvements in or relating to level indicating apparatus.

*Comprising a square box, a circular dial (graduated fixed on any side of the box, at the centre below the dial a small gear with first pivoted bearing, and indicating means being provided on the dial fixed to the pivot of the first bearing, a second gear being fixed below the dial by means of second pivoted bearing such that its teeth being engaged with those of small gear, the other end of the gear being fixed with a weighted pendulum.*

131273. A. D. Dikshit and S. K. Damle. Improvements in or relating to an instrument for measuring angles.

*Characterised in that one end of the indicator means more on the circular dial graduated in degrees and the other end fixed with weighted pendulum.*

131274. A. D. Dikshit and S. K. Damle. Improvement in and relating to safety-cum-barber razor.

*Characterised in that on one-edged the holder plate has at least two openings and guard plate has a safety portion on one side and unsafe portion on the other.*

131357. Vdo Tachometer Werke Adolf Schindling GMBH. Tachometer with a distance counting device.

*Characterised in that intermediate shaft for driving the counting system is sub-divided into two shaft parts independently supported in bearings in the bearing block, the counter block and the bearing block are coupled together by means of spur gear supported in a rotatable manner concentric to the indicator axis.*

131467. Karamchand Premchand Private Limited. A process for the preparation of 6-acylaminopenicillanic acid.

*Process for the preparation of 6-acylaminopenicillanic acid which comprises reacting 6-aminopenicillanic acid adsorbed on an ionic ion-exchange resin with an acid chloride in aqueous acetone or methyl ethyl ketone over the temperature range of 10°–50°C, over the pH range of 5.5–6.5 and isolating the product by conventional procedures.*

131501. Fabrica Italiana Magneti Marelli S.p.A. Brush-holder for low-power electric motors.

*Characterized in that each of the covers consists of a metal plate equipped with opposed resilient ears to engage corresponding shaped projections situated near the edges of the opening of tubular body, whereas said plate shown at least one torque to retain electrical leads associated with the brush.*

131549. Rca Corporation. Insulated gate field-effect transistor.

*Comprising a source and drain defining the ends of a plurality of current carrying paths of controllable conductivity and a gate separated from said current path by an insulator.*

132321. RCA Corporation Semi-conductor devices.

*Characterised by a semiconductor body of one conductivity type having a surface a first semiconductor region of an opposite conductivity type extending into body from surface, a planar P N junction between body and first region, junction forming a radial curvature and extending to surface, a second semiconductor region of one conductivity type extending into first region short of junction a third semiconductor region of opposite conductivity type extending into body from surface to at least about P N junction and wherein third region intersect radial curvature and surrounds first region.*

132865. The Dow Chemical Company. Process for the preparation of an impact-type styrene polymer.

*Comprising polymerising to phase inversion feed stream of solution of rubber reinforcing agent in polymerisable alkenyl aromatic monomer passing in elongated reactor with plurality of reaction zones, same agitating and characterised in removing portion of partially polymerised feed stream subsequent to phase inversion and introducing it into location prior to phase inversion and maintaining rate of removal and introduction at a rate to have desired rubber particle size.*

132969. Sherritt Gordon Mines Limited. Improved thickener. (30th September 1970).

*Comprising an automatic control system for a thickener including a rake assembly for exerting mechanical pressure as solids sediment layer, control system for adjusting the vertical position of the rake assembly and thus effectively maintaining the load exerted on the rake assembly.*

133044. Siemens Aktiengesellschaft. Polarization-modulated radiation and receivers therefor. (19th April 1971).

*Comprises first and second radiation detectors provided with first and second polarisation analysers arranged with their respective preferred polarisation directions transverse with respect to one another.*

133274. Sandoz Ltd. Process for the production of new benzene phosphonic acid compounds.

*Characterized by reacting 4, 4'-diphenyl-bis(dichlorophosphine) with n-butanol.*

133442. Osoboe Konstruktorskoe Bjuro (OKB) Ministerstva Geologii SSSR. A borehole tool for logging units and, particularly for use in conjunction with a X-ray fluorescence analyser.

*Means of coupling mechanically a transducer probe to an electronic block, which energizes the transducer probe and of transmitting electric signals from the transducer probe to a X-ray fluorescence analyser unit.*

133953. Aladdin Industries, Incorporated. Vacuum bottles having fillers with plastic liners.

*Characterised in that a downwardly depending portion extends from liner mouth portion and engages the upper portion of protective jacket and retaining means are provided on the downwardly depending portion of liner for holding a closure on the vacuum bottle.*

134299. Knapsack Aktiengesellschaft. Production of acrylonitrile and methacrylonitrile.

*The reaction is affected in contact with a catalyst having a BET-surface area between 4 and 30 square meters per gram and containing the oxides in the atomic proportions of Fe O<sub>5</sub>—15B<sub>2</sub>O<sub>3</sub>—Mo<sub>15</sub>P<sub>0.03</sub>—3, deposited on the silicic acid carrier.*

134626. M. N. Rao. Improvements in or relating to ink bottles and the like.

*A hollow etachable member accommodable in liquid tight fit in the neck, one end of the member having a mouth communicating with the interior of the body.*

134882. Norton Company. Grinding wheels.

*Having an abrasive section consisting of predominantly polycrystalline diamond abrasive grains bonded in a metal matrix.*

#### Restoration Proceedings

##### (1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 80771 granted to G.W.B. Furnaces Limited subsequently changed to Parkinson Cowan G.W.B. Limited for an invention relating to "Improvements in Fire Tube Boilers". The patent ceased on the 17-2-1972, due to non-payment of renewal fees within the prescribed time and the cessation of

the patent was notified in the Gazette of India, Part III, Section 2, dated the 30-12-1972.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on or before the 27-3-73 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate stating out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

##### (2)

The opposition entered by Tea Research Association to the grant of a patent on application No. 114869, made by Raja Rao Mahadeo Dongre, as notified in Part III, Section 2 of the Gazette of India dated the 31st January 1970 has been dismissed.

##### (3)

The opposition entered by Poysa Industrial Company Limited to the grant of a patent on application No. 120947 made by The Metal Box Company of India Limited as notified in Part III, Section 2 of the Gazette of India, dated the 18th December 1971 has been dismissed.

#### Patents Sealed

125555 126910 127209 127248 127342 128158 128184 128832  
129369 129682 129848 130051 130461

#### Patents deemed to be endorsed with the words "Licences of Right"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
82765 (14-6-62)	Process for recovering sulphuric acid from waste acid bath in viscose process.
82772 (15-6-62)	A process for the production of complex fertilizers.
82795 (16-6-62)	Process for agglutinating carbon black and rubber or like materials and the use thereof in producing pneumatic tire tread stock.
82810 (18-6-62)	New organic dyestuffs, process for their manufacture and textile material dyed or printed therewith.
82811 (18-6-62)	New water-soluble vat dyestuffs, a process for their manufacture, and textile materials dyed therewith.
82812 (18-6-62)	Process for the preparation of nickel carbonyl from nickel chloride and carbon monoxide.
82817 (18-6-62)	Process for the recovery of maleic anhydride.
82822 (18-6-62)	A process for the manufacture of high alpha cellulose dissolving grade pulps by alkaline pulping methods.
82861 (19-6-62)	Hair treating composition and process for the manufacture thereof.
82864 (19-1-61)	Diphenylalkane derivatives and process for their manufacture.
82865 (19-1-61)	Diphenylalkane derivatives and process for their manufacture.
82866 (19-1-61)	Diphenylalkane derivatives and process for their manufacture.
82867 (19-1-61)	Diphenylalkane derivatives and process for their manufacture.
82868 (19-1-61)	Diphenylalkane derivatives and process for their manufacture.
82874 (20-6-62)	Process for the preparation of new latex compositions.
82881 (19-1-61)	N-acyl derivatives of the nuclei of cephalosporin C, cephalosporin C <sub>c</sub> and cephalosporin CA compounds.
82887 (24-12-60)	Composition containing phosphorine esters.

82898 (21-6-62) Improvements in or relating to the preparation of a pine oil substitute from the Indian oil of turpentine.

82936 (27-6-61) Process for the selective removal of hydrogen sulphide from gases.

82942 (25-6-62) Process for making foamable thermoplastic polymers by diffusion of a volatile fluid foaming agent into the polymer granules.

82956 (25-6-62) Process for making foamable thermoplastic polymers by diffusion of a volatile fluid foaming agent into the polymer granules.

82966 (27-6-61) Improvements relating to the manufacture of cast iron.

82977 (26-6-62) Process of polymerising monomers and polymeric products thereof.

82980 (26-6-62) Purification of boron halides.

82981 (26-6-62) Dealkylation of alkylaromatic hydrocarbons.

82999 (27-6-62) Process for the production of acid ammonium fluoride in anhydrous solid state and with a pre-established molar ratio.

83009 (28-6-62) Process for improving the resistance of a polyvinyl chloride resin compositions to deterioration.

83010 (28-6-62) Process for improving the resistance of a polyvinyl chloride resin compositions to deterioration.

83031 (29-6-62) Process for the preparation of O, O-dimethyl-dithiophosphoryl acetyl acid-monomethyl amide.

83077 (18-4-62) A process for purifying highly dispersed oxides.

83080 (4-7-62) Improvements in or relating to process for making electrically conducting cubic boron nitride and the products so made.

83082 (4-7-62) An improved process for the preparation of mixtures of epoxy alkyl esters of saturated aliphatic monocarboxylic acids in which the carboxyl groups are attached to tertiary and/or quaternary carbon atoms.

83089 (4-7-62) Improvements in and relating to a process for the thermal noncatalytic hydroalkylation of alkyl substituted aromatic hydrocarbons.

83091 (4-7-62) Process for the preparation of pelleted catalytic compositions.

83094 (4-7-62) Process for heterogeneous liquid phase polymerization.

83104 (4-7-62) Synthetic lubricants comprising polymerized olefins.

83109 (7-2-61) Pharmaceutical preparations containing new hydrazones.

83119 (5-7-62) Process for the preparation of moulding compositions containing polymerized vinyl-aromatic compound and polybutadiene, and the compositions so produced.

83126 (7-2-62) New dyestuffs.

83136 (6-7-62) Coating compositions and method for the preparation thereof.

83142 (27-3-62) Process for the production of new dyestuff.

83166 (9-7-62) Process for the production of dehydrogenation catalysts.

83170 (9-7-62) Phthalocyanine catalysts regeneration process;

83212 (11-7-62) Process for the production of bis-triazinyl-amino-stilbene compounds their use for the optical brightening of natural or synthetic polyamide fibres.

83228 (22-2-61) Pharmaceutical compositions containing pyridine compounds.

83257 (13-7-62) Process for preparing alkali metal and alkaline earth metal bromites.

83287 (16-7-62) Process for coloring organic products with pigment dyestuffs.

83300 (29-9-61) Insecticidal compositions.

83315 (17-7-62) Improvements in or relating to the reduction of cold flow and the improvement of the processability of polybutadiene.

83318 (17-7-62) Improvements in or relating to synthetic electrically conduction diamonds and methods of manufacturing same.

83323 (17-7-62) Process for removal of arsenic compounds and /or antimony from hydrofluoric acid.

83372 (21-7-62) Process for the preparation of condensation polymers.

83392 (23-7-62) Disperse dyestuffs of the anthraquinone series and process for their manufacture.

83397 (24-7-61) Manufacture of cement.

83429 (13-12-60) Herbicidal composition containing substituted uracils.

83447 (26-7-62) Method of hydrogenating benzoic acid.

83448 (26-7-62) Process for preparing hexahydrobenzoic acid.

83461 (27-7-62) Method for the preparation of cyanic acid from urea.

83469 (27-7-62) Improvements in or relating to the manufacture of terpene alcohols.

83478 (28-7-62) Processing of raw petroleum coke.

83481 (1-11-60) Herbicidal compositions.

83501 (30-7-62) Sulphur arsenium compounds, a process for preparing them and compositions containing the same.

83502 (30-7-62) Production of aluminium.

83511 (30-7-62) New vat dyestuffs of the anthraquinone and perylene-tetracarboxylic acid series, process for their manufacture and textile material dyed therewith.

83512 (30-7-62) New vat dyestuffs process for their manufacture, an cellulose materials dyed or printed therewith.

83546 (1-8-62) Detergent compositions and method for preparing same.

83574 (3-8-62) Azo dyes and their metal-complex compounds or their symmetrical and asymmetrical metal-complex compounds and their use in a dyeing process.

83579 (4-8-62) Improvements in or relating to the manufacture of diphenylopropane.

83605 (6-8-62) Method and apparatus for producing cement clinker low in alkali.

83609 (6-8-62) New dyestuffs of the naphthofuranidine series and process for their manufacture.

83612 (7-8-62) Process for producing dextrose.

83627 (8-8-62) Treatment of bulk salt.

83646 (9-8-62) Process for the purification of caprolactam.

83652 (10-8-62) Improvements in or relating to the production of magnesite refractories.

83655 (10-8-62) Process and apparatus for the extraction of copper.

83656 (11-8-61) Process for the separation and purification of hydrogen.

83669 (12-2-62) Method of removing impurities from a fluid and an apparatus for carrying out the same.

83683 (13-8-62) Improvements relating to the preparation of nickel catalysts and a process of hydrogenation of carbon compounds using such catalysts.

83687 (13-8-62) New dyestuffs, process for their manufacture, and textile materials dyed or printed therewith.

83702 (24-8-61) Improvements in or relating to the production of sulphur trioxide.

83703 (14-8-62) Improvements relating to reduction processes for producing metal or metal alloys in an electric smelting furnace.

83736 (16-8-62) Improvements in or relating to the production of rubbery polymers.

83739 (16-8-62) Improvements in or relating to method of changing electrical conductivity of diamonds.

83766 (17-8-62) Manufacture of granular resins.

83774 (18-8-62) Improvements relating to open electric smelting furnaces and to smelting processes performed therein.

83775 (18-8-62) Process for the separation of a mixture by means of liquid-liquid extraction.

83784 (20-8-62) Pesticidal compositions.

83802 (20-8-62) Polymer solution for shaping and preparation thereof.

83816 (21-8-62) Improvements relating to the regeneration of catalysts.

83836 (22-8-62) Removal of impurities and recovery of potassium hydroxide in the production of potassium permanganate.

83839 (22-8-62) A process for polymerizing £—olefin.

83840 (22-8-62) Process for the production of aqueous caustic soda.

83855 (24-8-62) Herbicidal compositions.

83864 (16-4-62) High impact heat and chemical resistant polymer compositions and method of preparing the same.

83865 (15-6-62) Process for preparing vinyl resins.

83866 (12-3-62) Process for post-chlorinating polyvinyl chloride resins.

83867 (25-8-62) Continuous process for the manufacture of phosphoric acid and an apparatus for carrying out the same.

83870 (25-8-62) Process for the preparation of alpha-halo-acetamides.

83886 (27-8-62) Abrasive grains, method of making same and grinding wheel comprising such grains.

**Renewal Fees Paid**

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**Restoration Proceedings**

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 74623 granted to Shavax Khurshedji Karanjia for an invention relating to "Improvements in or relating to tooth brushes". The patent ceased on the 22nd December, 1971 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 21st October, 1972.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 27th March 1973 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Class 1.** No. 139779. Balaram Dwarkadas Nagpal, An Indian Citizen trading as Punjab Metals, 306, Lotus House, 33A, New Marine Lines, Bombay-20, Maharashtra, India, "A spirit stove", April 15, 1972.

**Class 1.** Nos. 139780 and 139781. Balaram Dwarkadas Nagpal, An Indian Citizen, 306, Lotus House, 33A, New Marine Lines, Bombay-20, Maharashtra, India, "A sauce pan" April 15, 1972.

**Class 1.** No. 140095. Aktiebolaget Svenska Flaktfabriken, Sickla Alle 1, Nacka, Post Box 20040, 10460 Stockholm, Sweden, a Swedish Company, "A joining element", August 2, 1972.

**Class 3.** No. 139950. Rupendra Amrabhai Zanjrukiya Bhaktinagar Society, Road-1 "Chandramauli", Rajkot-2, Gujarat, India, "Printed circuit board for transistor", June 6, 1972.

**Class 3.** No. 139955. Arora Plastics Private Limited (a private limited company incorporated under the Indian Companies Act), Unit 19-20, 1st floor, Prabhadevi Industrial Estate, Veer Savarkar Marg, Bombay-25, (Maharashtra State), "Container", June 9, 1972.

**Class 3.** No. 140253. Asian Advertisers, (an Indian Partnership Firm) 20, Kala Bhavan, 4th floor, Mathew Road, Opera House Bombay-4 (Maharashtra), "Pen stand", September 18, 1972.

**Class 3.** Nos. 140314 and 140319. Kosmetika Private Limited, Sorab House 524, Senapati Bapat Marg Dadar, Bombay-28 DD., Maharashtra, Indian Company, "Toys", October 20, 1972.

**Class 10.** No. 139952. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act and having its registered Office at 30, Shakespeare Sarani in the town/ Calcutta West Bengal, "A sandal", June 7, 1972.

**Class 13.** No. 139948, 139949. Shree Ram Mills Ltd., Ferguson Road, Lower Parel, Bombay-13, Maharashtra, "The Textile goods", June 6, 1972.

**Class 13.** Nos. 139992 and 139994 to 139999. N. M. Brothers & Co., Shreeji Bhuvan Lohar Chawl, P.O. Box 2163, Bombay-2, Indian Partnership Firm, "Textiles including articles made from textiles with this design", June 26, 1972.

**Class 13.** No. 140087. N. M. Brothers & Co., Shreeji Bhuvan Lohar Chawl, P.O. Box 2163, Bombay-2, Indian Partnership Firm, "Textiles including articles made from textiles with this design", July 29, 1972.

**Copyright Extended for a Second Period of Five Years**

Design No. 128540 Class-1.

**Copyright Extended for a Third Period of Five Years**

Design No. 128540 Class 1.

**NAME INDEX FOR APPLICANTS FOR PATENTS FOR THE MONTH OF DECEMBER 1972 (Nos. 204/72 to 2283/72, Nos. 110/Bom-72 to 167/Bom-72 and Nos. 39/Mas-72 to 53/Mas-72.)**

Name	—A—	Appln. No.
Afqa-Gevaert naamloze Venootschap	—A—	2260/72.
Agrawal, M.	—A—	155/Bom-72.
Ahmedabad Textile Industry's Research Association.	—A—	151/Bom-72.
Aikoh Co., Ltd.	—A—	2109/72.
Alcan Research & Development Ltd.	—A—	2141/72.
Alcop Enterprises.	—A—	158/Bom-72.

Alps Electric Co. Ltd.—2215/72.  
Aluterv Aluminiumpari Tervezo Vallalat.—2264/72.  
Alves, G.J.—140/Bom-72.  
American Cyanamid Co.—2046/72.  
Anantharaman, D.—45/Mas-72.  
Aria, A.N.—143/Bom-72.  
Arya, A.N.—125/Bom-72, 127/Bom-72 and 128/Bom-72.  
Atlas Cycle Industries Ltd. The.—2105/72.  
Avasthi, P.—110/Bom-72.

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Badische Anilin- & Soda-Fabrik Aktiengesellschaft.—2156/72, 2200/72.  
Bajaj, J.S.—154/Bom-72.  
Balasubramanian, S.K. (Dr.)—117/Bom-72 and 118/Bom-72.  
Ballestra S.P.A.—2217/72.  
Banerjee, H.—2271/72.  
Barthakur, B.—2224/72.  
Bata Shoe Company Pvt. Ltd.—2222/72.  
Bayer Aktiengesellschaft, 2177/72, 2197/72, 2206/72, 2207/72 and 2211/72.  
Beckett, Laycock & Watkinson Ltd.—2055/72.  
Bendix Corp. The.—2048/72.  
Benz, A.—2165/72.  
Bhatia, K.B.—138/Bom-72.  
Bhatt, M.B.—137/Bom-72.  
Birje, S.J.—123/Bom-72.  
British, E.F.B.—2150/72.  
Burroughs Corp.—2181/72.

**—C—**

Carborundum Universal Ltd.—42/Mas-72.  
C.A.V. Limited.—2278/72.  
Chakravorty, S.C.—2219/72.  
Chemicals India.—2182/72 and 2183/72.  
Chloride Batteries Australia Ltd.—2212/72.  
Choudhury, D.P.—2063/72, 2121/72, 2122/72, 2123/72, 2124/72, 2125/72, 2126/72 and 2127/72.  
Christian Richard Stringer.—2282/72.  
Cor Tech Research Ltd.—2152/72.  
Council of Scientific & Industrial Research.—2049/72, 2089/72, 2090/72, 2091/72, 2106/72, 2107/72, 2108/72, 2149/72, 2168/72, 2184/72, 2185/72, 2229/72, 2230/72, 2231/72, 2232/72, 2233/72, 2234/72, 2235/72, 2252/72, 2253/72, 2254/72, 2255/72, 2256/72, 2257/72, 2258/72 and 2259/72.  
C. Reichert Optische Wurke AG.—2174/72.  
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Dahanu Industrial Works.—159/Bom-72.  
Dainichi Nihon Densen Kabushiki Kaisha.—2170/72.  
Dana Corp.—2079/72 and 2191/72.  
Desmukh, D.L.—2069/72.  
Devi, S.S. (Mrs.)—41/Mas-72.  
Director, Jute Technological Research Laboratories, Indian Council of Agricultural Research, The.—2050/72 and 2194/72.  
Dunlop Ltd.—2085/72, 2087/72, 2115/72, 2116/72 and 2188/72.  
Dynamit Nobel Aktiengesellschaft.—2060/72.

**—E—**

E. Allman & Co. Ltd.—2075/72.  
Eastern Commercial & Industrial Enterprises Pvt. Ltd.—2228/72.

Eddybel S.A.—2178/72.

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Egyesult Izzolampa Es Villamossgyi Reszvenytarsasag.—2173/72.

E.G.Y.T. Gyogyszervegyeszeti Gyar.—2273/72.

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Eisenwerk-Gesellschaft Maximilianshutte m.b.H.—2043/72.

Ekbote, T.M.—127/Bom-72.

Emhart Corp.—2076/72.

Ethicon, Inc.—2208/72.

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Fa.werke Hoechst Aktiengesellschaft vormals Meister F. & C. Brunius.—2130/72, 2131/72, 2132/72, 2133/72, 2134/72, 2180/72 and 2267/72.

Fekabari Kutato Intezet.—2264/72.

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F. Hoffmann-La Roche & Co. Aktiengesellschaft.—2249/72.

Fiberwoven Corp. The.—2274/72.  
Foseco International Ltd.—2082/72.  
Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H.—2269/72.  
F.R.N. Stephens.—2056/72.

## —G—

Ganchi, S.C.—113/Bom-72.  
Garg, J.K.—2227/72.  
General Electric Co.—2246/72.  
General Signal Corp.—2280/72.  
Geochemical Services (Holdings) Ltd.—2282/72.  
Gerwi A.G.—2072/72.  
Ghosh, A.K.—2061/72.  
Goswami, D.—2159/72.  
Gruppo Lepetiti S.P.A.—2058/72 and 2059/72.  
Gupta, A.K.—2203/72.  
Gupta, C.R.—2203/72.  
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Hercules Inc.—2147/72.  
Hindustan Lever Ltd.—116/Bom-72, 126/Bom-72, 139/Bom-72, 144/Bom-72 and 145/Bom-72.  
Hooker Chemical Corp.—2100/72.  
Hudswell Morrice Ltd.—2171/72.  
Hunjan, G.S.—2160/72.

## —I—

Imperial Chemical Industries Ltd.—2073/72, 2153/72, 2276/72 and 2281/72.  
Ims Ltd.—2155/72.  
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International Fire Tool Corp.—2266/72.  
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International Promotion Engineering S.A.—2095/72.  
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Jain, S.S.—2129/72.  
Jain, U. (Mrs.)—2129/72.  
Jhangiani, P.H. (Mrs.)—166/Bom-72.  
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Joseph Lucas (Electrical) Ltd.—2086/72, 2088/72 and 2189/72.

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Kanpoor, S.C. (Dr.)—2101/72, 2102/72, and 2144/72.  
Kapur, J.D.—2105/72.  
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Karl Fischer Apparate-U.—2120/72.  
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Lambeg Industrial Research Association.—2176/72.  
Laporte Industries Ltd.—2099/72.  
Leningradsky Ordena Lenina Politekhnichesky Institut Imeni M.I. Kalinina.—2272/72.  
Leningradsky Ordena Trudovogo Krasnogo Znameni Zavod "Elektrik" Imeni N. M. Shvernika.—2272/72.  
Library of Tibetan Works & Archives.—2175/72.

## —M—

Mann, G.S.—2251/72.  
Marcou Corp.—2139/72.  
Maschinenfabrik Rieter A.G.—2145/72 and 2146/72.  
Mascot (India).—165/Bom-72.  
Mathreja, G.L.—146/Bom-72.  
Mathur, H.B. Dr.—2135/72 and 2158/72.  
Mefina S.A.—2161/72, 2162/72 and 2163/72.  
Merlin Gerin.—2096/72.  
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Mistry, N.N.—160/Bom-72.  
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Mitsubishi Petrochemical Company Ltd.—2170/72.  
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Mundipharma AG.—2052/72.  
Murthy, B.Y.—136/Bom-72.

## —N—

Naidu, M.V.—43/Mas-72.  
Nair, V. S.K. (Dr.)—50/Mas-72.  
Nath, A.V.—53/Mas-72.  
National Instruments Ltd.—2157/72.  
National Rubber Manufacturers Ltd.—2179/72.  
Navakodi, S.A.R.—2044/72 and 2045/72.  
Nigam, S.C.—2154/72.  
Nippon Kokan Kabushiki Kaisha.—2247/72.  
Noro Nobel Aktiebolag.—2195/72 and 2196/72.  
Norton Co.—2201/72.  
N. V. Philips Gloeilampen-fabrieken.—2193/72.

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Om Prakash & Co.—2080/72.

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Pardasani, R.R.—152/Bom-72.  
Patel, R.S.—162/Bom-72.  
Patents International Affiliates Ltd.—2244/72.  
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Policar, M.—2/53/72.  
Polska Akademia Nauk.—2067/72.  
Polyduck Corp.—164/Bom-72.  
Pont-A-Mousson S.A.—2164/72 and 2261/72.  
Prabhune, V. V. (Mrs)—124/Bom-72.

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Raghurandansingh, P.A.—150/Bom-72.  
Rajak, P.L.—157/Bom-72.  
Rane, P.G.—123/Bom-72.  
Rangoonwala, N.F.—143/Bom-72.  
Rao, EG—51/Mas-72.  
Ray, S.—2092/72.  
Rca Corp.—2070/72 and 2240/72.  
Reddy, G.K.—147/Bom-72.  
Rhone-Rouenc S.A.—2071/72.  
Richter Gedeon Vegyeszeti Gyár R.T.—2097/72 and 2098/72.  
Roto Diesel.—2198/72.  
Rouverol, W.S.—2078/72.

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Scandia Packaging Machinery Co.—2110/72, 2111/72, 2112/72, 2113/72 and 2114/72.  
Scientronic Instruments.—2138/72.  
Sebastian Messerschmidt.—2279/72.  
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